

ABUT. 2 BOTTOM OF FTG. EL. 567.00

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-4 SHEET 1 OF 2 DATE STARTED: 9/29/99 DATE COMPLETED: 10/1/99							
PROJECT NAME: ST. JOHNSBURY SITE NAME: BR-29 STATION: 14+56.00 GROUND EL.: 588.31		PROJECT NUMBER: BRO 1447 (19) SITE NO.: TH-85 OFFSET: -33.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: YOUNG DRILLER: TALLMAN LOGGER: RUSSELL		BORING RIG: UNI-MOG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		A-2-4, Sa, brn, MTW, Rec. = 0.60'	3	27.3	0.6	88.8	10.6		
10		A-2-4, Sa, brn, MTW, Rec. = 0.45'	7	25.4	6.6	76.6	16.8		
15		A-2-4, SiSa, brn, MTW, Rec. = 1.20'	3	35.5		70.7	29.3		
20		A-1-a, SaGr, brn, Moist, Rec. = 0.15'	82	7.6	55.2	42	2.8		
25		A-2-4, Sa, brn, MTW, Rec. = 1.10'	8	23.7	2	82.8	15.2		
30		A-2-4, SiSa, red/brn, MTW, Rec. = 1.00'	27	22.6	0.5	72.2	27.3		
35		A-4, Si, gry, MTW, Rec. = 1.10'	18	29.6	0.1	17.8	82.1		
40		A-2-4, SiSa, brn/gry, MTW, Rec. = 1.40'	20	23.4		68.5	31.5		
45		A-2-4, Sa, brn/gry, Moist, Rec. = 0.90'	27	19.6		81.3	18.7		

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BORING CREW CREW CHIEF: YOUNG DRILLER: TALLMAN LOGGER: RUSSELL		BORING RIG: UNI-MOG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
50		A-2-4, Sa, brn, MTW, Rec. = 1.00'	31	21.9		81.6	18.4		
55		A-2-4, Sa, brn, MTW, Rec. = 1.10'	19	21.9		80.7	19.3		
60		A-2-4, Sa, brn/gry, Moist, Rec. = 1.05'	R	16.5	5.5	79.2	15.3		
Run #1: BXMDC, 61.5'-64.5', Rec. = 2.75', See Geologist's Report.			1	92	45	50			
Run #2: BXMDC, 64.50'-67.25', Rec.=2.75' See Geologist's Report.			2	100	78	50			
Run #3: BXMDC, 67.25'-71.75', Rec. = 4.50', See Geologist's Report.			3	100	98	50			
Hole stopped @ 71.75'									
Geologist's Report: Run #1: Gray limestone, Moderately hard, Unweathered, Competent. Run #2: Same as Run #1, Competent. Run #3: Same as Run #1, Competent.									

APPROX. PILE TIP ELEV. (VARIES)

STATE OF VERMONT AGENCY OF TRANSPORTATION MATERIALS & RESEARCH DIVISION SUBSURFACE INFORMATION		HOLE NO.: B-5 SHEET 1 OF 2 DATE STARTED: 10/21/99 DATE COMPLETED: 10/27/99							
PROJECT NAME: ST. JOHNSBURY SITE NAME: BR-29 STATION: 14+56.00 GROUND EL.: 590.92		PROJECT NUMBER: BRO 1447 (19) SITE NO.: TH-85 OFFSET: -6.00 G.W. DEPTH:							
BORING CREW CREW CHIEF: YOUNG DRILLER: TALLMAN LOGGER: RUSSELL		BORING RIG: UNI-MOG BORING TYPE: WASH BORE SAMPLE TYPE: SPLIT BARREL							
DEPTH	SYMBOL	CLASSIFICATION OF MATERIALS (Description)	BLOWS PER FOOT	M.C. %	GRAVEL %	SAND %	FINES %	LL	PI
5		No Rec.	20						
10		A-1-b, GrSa, brn, Moist, Rec. = 0.45'	R	12.6	39.8	49.6	10.6		
BXDC, 11.25'-16.50', Granite blocks, No sample.									
15		BXDC, 16.50'-18.00', Boulder							
20		Sawtooth Bit, 18.00'-20.50', Wood, No sample.							
25		A-2-4, Sa, brn, MTW, Rec. = 1.00'	14	21.7	0.2	81.3	18.5		
30		A-4, SiSa, brn, Moist, Rec. = 1.00'	22	20.1	3.5	57.9	38.6		
35		A-2-4, SiSa, brn, MTW, Rec. = 0.75'	29	25.4	0.2	76.7	23.1		
40		A-4, SiSa, brn, MTW, Rec. = 1.20'	23	24.3	0.2	59.1	40.7		
45		A-2-4, SiSa, brn, Moist, Rec. = 0.80'	45	18.6		72.7	27.3		

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50		A-2-4, SiSa, brn, Moist, Rec. = 0.90'	26	20.6		71.4	28.6		
55		A-3, Sa, brn, Moist, Rec. = 1.20'	34	20.1	0.1	94.6	5.3		
60		A-3, Sa, brn, MTW, Rec. = 0.90'	42	21		95	5		
Run #1: BXMDC, 62.5'-65.5', Rec. = 2.15' See Geologist's Report.			1	72	42	55			
Run #2: BXMDC, 65.5'-70.0', Rec. = 4.50' See Geologist's Report.			2	100	95	55			
Run #3: BXMDC, 70.0'-73.0', Rec. = 2.90' See Geologist's Report.			3	97	90	55			
Hole stopped @ 73.0'									
Geologist's Report: Run #1: Gray limestone, Moderately hard, Unweathered, Fairly competent. Run #2: Same as Run #1, Competent. Run #3: Same as Run #1, Competent.									

APPROX. PILE TIP ELEV. (VARIES)

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

Town of	ST. JOHNSBURY	Bridge No.	29
Highway No.	T.H. 85	Log Sta.	
DEPOT HILL ROAD OVER THE PASSUMPSIC RIVER		Surv. Sta.	
BORING LOG SHEET - 2			
Designed By	M. SMULLEN	Drawn by	B. DILLENBECK
Checked By	M. OLSTAD	Bridge Design Supervisor	P. HALSTEAD
Date	7/2003	Date	9/2006
PROJECT	ST. JOHNSBURY	PROJECT NO.	BRO 1447(19)
I.G.C. Info.			
Bridge Sheet No.	BR105	Sheet	38 OF 72



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